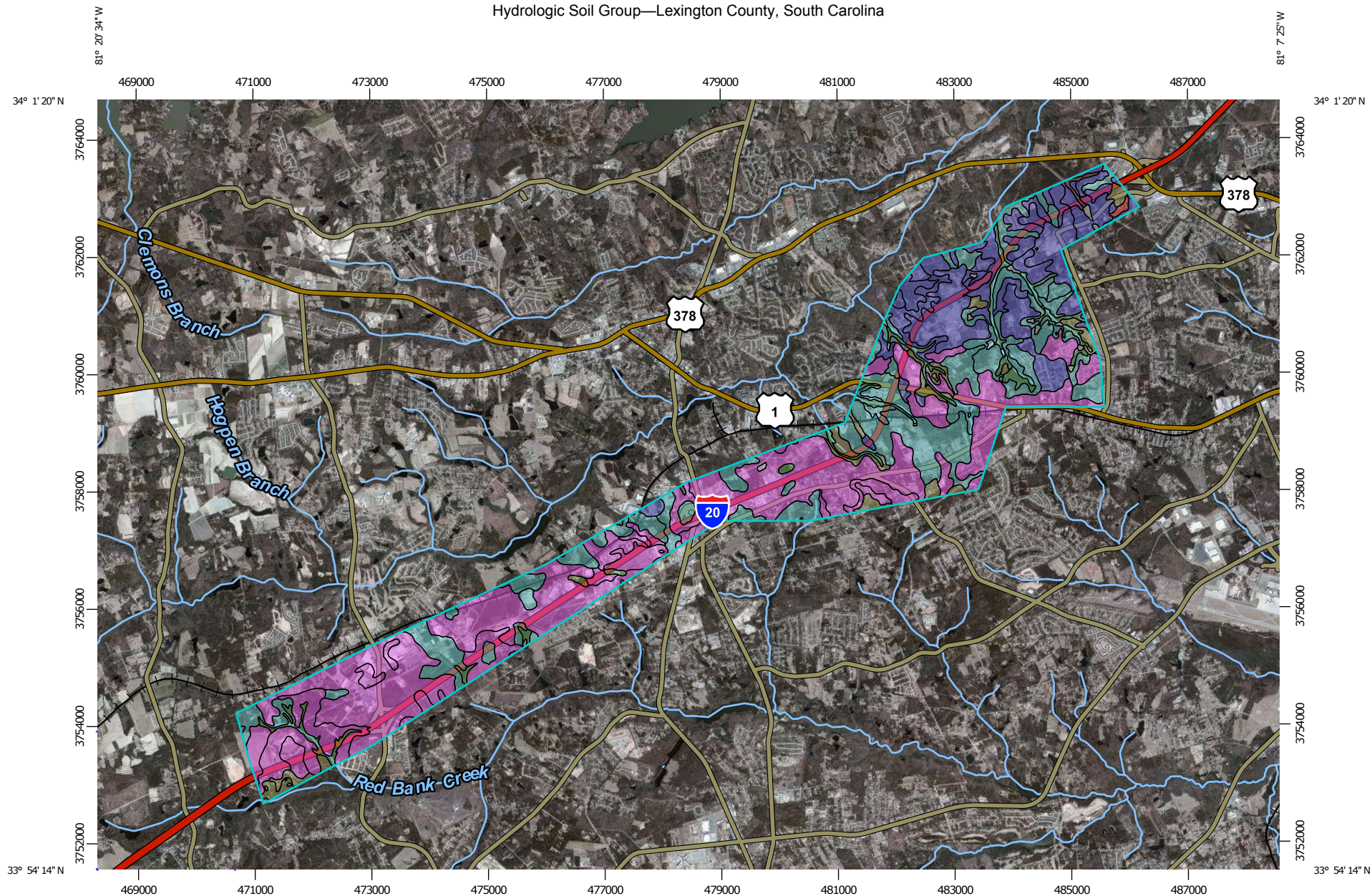


Hydrologic Soil Group—Lexington County, South Carolina



Map Scale: 1:92,600 if printed on A landscape (11" x 8.5") sheet.

0 1000 2000 4000 6000 Meters

0 4500 9000 18000 27000 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84




**Natural Resources
Conservation Service**

Web Soil Survey
National Cooperative Soil Survey

8/28/2015
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MAP LEGEND

Area of Interest (AOI)









 Area of Interest (AOI)

Soils

Soil Rating Polygons





 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Lines


 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Points






 A
 A/D
 B
 B/D

 C
 C/D
 D
 Not rated or not available


Water Features

 Streams and Canals

Transportation

 Rails
 Interstate Highways
 US Routes
 Major Roads
 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lexington County, South Carolina
 Survey Area Data: Version 13, Sep 20, 2014

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 26, 2010—Feb 28, 2010

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Hydrologic Soil Group— Summary by Map Unit — Lexington County, South Carolina (SC063)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AgB	Alaga loamy sand, 0 to 4 percent slopes	A	47.5	0.7%
BnC	Blaney sand, 2 to 10 percent slopes	C	681.5	9.3%
Ch	Chenneby silty clay loam	B/D	15.0	0.2%
DoA	Dothan loamy sand, 0 to 2 percent slopes	B	105.4	1.4%
DoB	Dothan loamy sand, 2 to 6 percent slopes	B	555.3	7.6%
EnB	Enon silt loam, 2 to 6 percent slopes	D	11.4	0.2%
Eo	Enoree silt loam, 0 to 2 percent slopes, frequently flooded	A/D	0.7	0.0%
FaB	Fuquay loamy sand, 0 to 6 percent slopes	C	842.0	11.5%
FaC	Fuquay loamy sand, 6 to 10 percent slopes	C	43.0	0.6%
GeB	Georgeville very fine sandy loam, 2 to 6 percent slopes	B	89.3	1.2%
GeC	Georgeville very fine sandy loam, 6 to 10 percent slopes	B	395.6	5.4%
GeD	Georgeville very fine sandy loam, 10 to 15 percent slopes	B	175.7	2.4%
Gp	Gravel pit		3.3	0.0%
HrB	Herndon silt loam, 2 to 6 percent slopes	B	56.1	0.8%
JO	Johnston soils	A/D	256.0	3.5%
LAB	Lakeland soils, undulating	A	2,628.5	36.0%
LkD	Lakeland sand, 6 to 15 percent slopes	A	633.2	8.7%
NaD	Nason silt loam, 6 to 15 percent slopes	C	72.7	1.0%
PeA	Pelion loamy sand, 0 to 2 percent slopes	C/D	13.6	0.2%
PeB	Pelion loamy sand, 2 to 6 percent slopes	C/D	119.5	1.6%
PeC	Pelion loamy sand, 6 to 10 percent slopes	C/D	125.3	1.7%

Hydrologic Soil Group— Summary by Map Unit — Lexington County, South Carolina (SC063)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Ra	Rains sandy loam	A/D	25.4	0.3%
TaE	Tatum silt loam, 15 to 25 percent slopes	C	131.8	1.8%
TrB	Troup sand, 0 to 6 percent slopes	A	136.7	1.9%
VaC	Vaclude loamy sand, 6 to 10 percent slopes	C	46.9	0.6%
VaE	Vaclude loamy sand, 10 to 25 percent slopes	C	14.6	0.2%
W	Water		45.5	0.6%
WaB	Wahee sandy loam, 0 to 4 percent slopes	C/D	26.6	0.4%
Totals for Area of Interest			7,297.8	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher